



US-ML-PETERSBURG
25801 HOFHEIMER WAY
PETERSBURG, VA 23803-8905
USA

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO 177 LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO D INC MANHATTAN, KS 66505-1688 USA		GRADE A992/A572-50	SHAPE SIZE Wide Flange Beam 14 X 82# / 360 X 122	DOCUMENT ID 0000502001
SALES ORDER 13670391-000010		CUSTOMER MATERIAL N° 00000003714820040		LENGTH 40'00"	PCS 2	WEIGHT 6,560 LB
CUSTOMER PURCHASE ORDER NUMBER 1500566539		BILL OF LADING 1330-0000211202	DATE 01/29/2024	SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W		
HEAT / BATCH 60147698/03						

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.08	1.05	0.016	0.015	0.18	0.29	0.21	0.18	0.050	0.014	0.004	0.023	0.004	0.34

MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	UTS (MPa)	Y:T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)		75756	365	522	0.700	8.000	200.0	18.50
		52986	76691	529	0.720	8.000	200.0	19.10
		55244						

COMMENTS / NOTES

Gerdaul's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www2.gerdau.com/metals-recycling, or contact metalsrecycling@gerdau.com.

The above figures are certified chemical and physical test records as contained in the permanent records of the company. We certify that these data are correct and in compliance with specified requirements. No weld repair was performed on this material. The material has not been in contact with mercury while in Gerdaul possession. For all products other than billets or beam blanks, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.

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